

XVI.—On the Birds collected during an Expedition through Somaliland and Southern Abyssinia to the Blue Nile. By W. R. OGILVIE GRANT. With Field-notes by Lord LOVAT\*.—Part II.

[Plates IV.—VI.]

[Continued from p. 178.]

168. MESOPICUS SPODOCEPHALUS.

*Dendrobates poicephalus* Rüpp. Syst. Uebers. p. 86, pl. 34 (1845).

*Mesopicus spodocephalus* (Bonap.); Hargitt, Cat. B. Brit. Mus. xviii. p. 370 (1890).

The immature female is in very worn plumage and differs from the adult in having the back mostly brownish, tinged here and there with golden yellow, the breast and belly indistinctly barred with white, with only a trace of the red stripe down the middle.

This species is new to the British Museum Collection.

a. ♀. Burka, Abyssinia, 6 January, 1899. (No. 129.)

b. ♂. Tehlea, „, 8 March, 1899. (No. 383.)

c. ♀ juv. Blue Nile, 13 May, 1899. (No. 507.)

Iris brown; bill and legs slate-colour.

169. CAMPOTHERA NUBICA.

*Campothera nubica* (Gm.); Hargitt, Cat. B. Brit. Mus. xviii. p. 93 (1890); Sharpe, P. Z. S. 1895, p. 492; Lort Phillips, Ibis, 1898, p. 415 (N. Somaliland); Hawker, Ibis, 1899, p. 74.

a. ♂. Kassim river, Abyssinia, 19 January, 1899. (No. 234.)

Iris brown; bill and legs dark brown.

170. DENDROPICUS SIMONI.

*Dendropicus simoni* Grant, Bull. B. O. C. vol. x. p. xxxviii (1900).

\* *Sporæginthus margaritæ* Weld-Blundell & Lovat (see Ibis, 1900, p. 130, pl. iii. fig. 1) is synonymous with *Estrilda ochrogaster* Salvad. Boll. Mus. Torino, xii. no. 287, p. 4 (1897). The latter description had been overlooked till Captain Shelley kindly called my attention to it. The species should stand as *Sporæginthus ochrogaster* (Salvad.).

a. ♀ [undoubtedly ♂ ad.]. Kouduro, Abyssinia, 25 March, 1899. (No. 449.) [*Type of the species.*]

[*Adult male.*] Allied to the male of *D. zanzibari* Malh., but easily distinguished by the following characters:—The forehead and fore-part of the crown are darker brown; the cross-bars on the interscapular region and back indistinct and of a dull greenish-white colour; the wing-coverts brownish black, the lesser and median with a white spot at the extremity; the white feathers of the sides of the head and ear-coverts *striped with black on either side*, those of the throat with narrow black shaft-stripes; the chest and breast more strongly marked and the *upper surface* of the shafts of the primary and secondary quills, except the extreme basal portion, *brown*. Iris brown; bill dark slate; legs slate. Total length about 5·5 inches, culmen 0·7, wing 3·2, tail 1·6, tarsus 0·6.

171. DENDROPICUS ABYSSINICUS.

*Dendropicus abyssinicus* (Stanl.); Hargitt, Cat. B. Brit. Mus. xviii. p. 303 (1890).

a. ♂. Burka, Abyssinia, 6 January, 1899. (No. 123.)  
Iris brown; bill and legs dark brown.

172. DENDROPICUS HEMPRICHI.

*Dendropicus hemprichi* (Ehr.); Hargitt, Cat. B. Brit. Mus. xviii. p. 299 (1890); Sharpe, P. Z. S. 1895, p. 491; Hawker, Ibis, 1899, p. 74.

*Dendromus hemprichi* Lort Phillips, Ibis, 1898, p. 414 (N. Somaliland).

a. ♂. Ketchen Waha, Abyssinia, 16 January, 1899. (No. 203.)

b. ♀. Kassim river, Abyssinia, 18 January, 1899. (No. 226.)

a. Iris brown; bill and legs black.

b. Iris brown; bill dark; legs slate-colour.

173. THRIPIAS SCHOENSIS.

*Thripias schoensis* (Rüpp.); Hargitt, Cat. B. Brit. Mus. xviii. p. 308 (1890); Sharpe, P. Z. S. 1895, p. 491.

a. ♀. Hargeisa, Somaliland, 13 December, 1898. (No. 9.)  
Iris brown; bill and legs black.

174. *IYNX TORQUILLA*.

*Iynx torquilla* Linn. ; Hargitt, Cat. B. Brit. Mus. xviii. p. 560 (1890) ; Hawker, Ibis, 1899, p. 74 (Somaliland).

a. ♂. Ganti, Abyssinia, 28 March, 1899. (No. 458.)

Iris light hazel ; bill dark ; legs light brown.

175. *IYNX ÆQUATORIALIS*.

*Iynx æquatorialis* Rüpp. Syst. Uebers. p. 93, pl. 37 (1845) ; Hargitt, Cat. B. Brit. Mus. xviii. p. 567 (1890).

This handsome species of Wryneck has long been a desideratum to the British Museum Collection.

a. ♂. Burka, Abyssinia, 6 January, 1899. (No. 127.)

b. ♀. Baroma, „ 10 January, 1899. (No. 149.)

a. Iris light hazel ; bill dark ; legs light brown.

b. Iris light hazel ; bill and legs dark brown.

[A widely-distributed bird, though it was seldom that more than one pair were seen in a day.—L.]

176. *INDICATOR LOVATI*.

*Indicator lovati* Grant, Bull. B. O. C. vol. x. p. xxxix (1900).

a. ♀. Gelongol, Abyssinia, 13 March, 1899. (No. 406.)

[*Type of the species.*]

*Adult female.* Resembles *I. minor* Steph. in the colour of the upper parts, wings, and tail, but differs from that species in having the heavy black moustachial streaks confluent on the chin ; the throat dull grey, with a slight greenish tinge, uniform in colour with the breast, and the longer flank-feathers dark smoky brown, edged with white on the sides. From *I. conirostris* (Cass.), which it approaches in the latter characters, it may be at once distinguished by the greyish-brown colour of the head and neck and the much duller yellow colouring of the back and wing-coverts. Iris brown ; bill and legs black. Total length about 6·0 inches, culmen 0·5, wing 3·5, tail 2·25, tarsus 0·55.

[This Honey-guide was shot at daybreak perched on the outside of a rotten tree ; just on a level with its head was a small orifice into which it darted its bill at intervals of perhaps two seconds. I afterwards saw one of the same

species distinctly lead a party of Shonkalas up to a bees'-nest full of honey, which was dug out, a portion of the comb being given to the bird. At the time we were at Beni Schongul (April), the bird was nesting, and a pair flitted all round our camp most of the day, but never uttered the peculiar quick call they make use of when leading the way to honey. The Shonkalas in camp paid no attention to them on this occasion, as they said, "The birds are nesting; they will not find us honey."—L.]

## 177. MELANOBUCCO ABYSSINICUS.

*Melanobucco abyssinicus* (Lath.); Shelley, Cat. B. Brit. Mus. xix. p. 22 (1891).

a. ♂. Chercher, Abyssinia, 12 January, 1899. (No. 174.)

b. ♀. Ticka Tehecka, Abyssinia, 22 February, 1899. (No. 364.)

Iris brown; bill and legs black.

## 178. MELANOBUCCO UNDATUS.

*Melanobucco undatus* (Rüpp.); Shelley, Cat. B. Brit. Mus. xix. p. 27 (1891).

a. ♂. Jumjum, Abyssinia, 4 March, 1899. (No. 379.)

Iris pale yellow; bill and legs black.

The bird before us, which is apparently a very old male, differs somewhat from any example of this species in the British Museum Collection. The black on the top of the head is continued over the neck on to the upper part of the back; the underparts are nearly pure white, more regularly barred with darker black, and washed with yellow down the middle of the breast and belly.

## 179. MELANOBUCCO LEUCOGENYS.

*Melanobucco leucogenys* Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xxi (1899).

a. ♂. Konduro, Abyssinia, 25 March, 1899. (No. 445.)

b. ♂. Konduro, Abyssinia, 25 March, 1899. (No. 446.)  
[Types of the species.]

Though neither of the types of this species of Barbet are

fully adult birds, there can, I think, be no doubt that they represent a form hitherto unknown. Allied to *M. undatus* (Rüpp.), they may be at once recognized by having the hinder parts of the cheeks and sides of the neck pure white, the middle of the throat white tinged with yellow, some of the feathers being tipped with scarlet, and the outer margins of the remiges and rectrices, as well as the tips of the upper tail-coverts, golden yellow, instead of pale whitish yellow (Naples yellow). Iris pale yellow; bill and legs black. Total length about 5·8 inches, culmen 0·75, wing 3·1, tail 1·9, tarsus 0·7.

180. *MELANOBUCCO ÆQUATORIALIS.*

*Melanobucco æquatorialis* Shelley, Cat. B. Brit. Mus. xix. p. 19 (1891).

This bird belongs to the small form; wing 3·75, tail 2·9.

a. ♂. Bilo, Abyssinia, 10 March, 1899. (No. 392.)

Iris brown; bill pale yellow, tinged with red on lower mandible; legs black, light at joint.

181. *TRICHOLEMA MELANOCEPHALUM.*

*Tricholema melanocephalum* (Cretzsch.); Shelley, Cat. B. Brit. Mus. xix. p. 30 (1891).

a. ♂. Kassim river, Abyssinia, 19 January, 1899. (No. 238.)

Iris brown; bill and legs black.

182. *BARBATULA MINUTA.*

*Barbatula minuta* Bonap.; Shelley, Cat. B. Brit. Mus. xix. p. 40 (1891); Hawker, Ibis, 1899, p. 75 [Somaliland].

a. ♂. Acabsiyo, Somaliland, 17 December, 1898. (No. 14.)

b. ♀. Tra, Abyssinia, 7 January, 1899. (No. 132.)

Iris brown; bill and legs black.

183. *BARBATULA XANTHOSTICTA.* (Plate III. fig. 2.)

*Barbatula xanthosticta* Weld-Blundell & Lovat, Bull. B. O. C. no. lxxvi. p. xxi (1899).

a, b. ♂ ♀. Tchleca, Abyssinia, 8 March, 1899. (Nos. 381, 382.) [*Types of the species.*]

Though nearly allied to *B. extoni* (Layard) from South-east Africa, this species may be distinguished by having the white middles to all the feathers of the interscapular region and back tipped with golden yellow. Iris brown; bill and legs black. Total length about 4·0 inches, culmen 0·54, wing 2·35, tail 1·25, tarsus 0·55.

The sexes are perfectly similar one to another in plumage.

184. *TRACHYPHONUS MARGARITATUS.*

*Trachyphonus margaritatus* (Rüpp.); Shelley, Cat. B. Brit. Mus. xix. p. 103 (1891); Lort Phillips, Ibis, 1898, p. 415.

a. ♂. Gadaburka, Abyssinia, 22 January, 1899. (No. 258.)

Iris brown; bill red-brown; legs dark brown.

185. *SCHIZORHIS LEUCOGASTER.*

*Schizorhis leucogaster* (Rüpp.); Shelley, Cat. B. Brit. Mus. xix. p. 452 (1891); Sharpe, P. Z. S. 1895, p. 495; Lort Phillips, Ibis, 1898, p. 416.

a. ♂. Hawash, Abyssinia, 17 January, 1899. (No. 214.)

Iris brown; bill and legs black.

[This bird does not truly belong to the highlands of Shoa; it was met with only in the Hawash plain—a country as dry and burnt up as the Somali coast.—L.]

186. *SCHIZORHIS ZONURA.*

*Schizorhis zonura* (Rüpp.); Shelley, Cat. B. Brit. Mus. xix. p. 491 (1891).

a. ♂. Arriro, Abyssinia, 19 February, 1899. (No. 350.)

b. ♀. Bilo, Abyssinia, 11 March, 1899. (No. 398.)

Iris brown; bill yellow; legs black.

[This bird inhabits the valleys of Shoa, and is widely distributed.—L.]

187. *TURACUS DONALDSONI.*

*Turacus donaldsoni* Sharpe, P. Z. S. 1895, p. 495, pl. xxviii.

a. ♂. Warabili, Abyssinia, 3 January, 1899. (No. 96.)

Iris brown; bill and eyelids bright red; legs black.

[This Plantain-eater is to be seen in the thick woods, though occasionally it is met with on high trees in the open.

I am inclined to believe that the Touracos seen in the Dabous valley belong to a different species, the white and red marking on the head appearing slightly different. Owing to the want of cartridges, I had no opportunity of verifying this; but I mention the fact for the benefit of future travellers.—L.]

188. *CENTROPUS SUPERCILIOSUS.*

*Centropus superciliosus* (H. & E.); Shelley, Cat. B. Brit. Mus. xix. p. 363 (1891); Sharpe, P. Z. S. 1895, p. 494.

*a.* ♀. Laga Hardim, Abyssinia, 15 January, 1899. (No. 200.)

*b.* ♀. Ticksa Tcheeka, Abyssinia, 22 February, 1899. (No. 363.)

Iris red; bill black, *a.* legs steel-blue; *b.* dark slate-colour.

189. *CENTROPUS MONACHUS.*

*Centropus monachus* (Rüpp.); Shelley, Cat. B. Brit. Mus. xix. p. 359 (1891).

*a.* ♂ imm. Baroma, Abyssinia, 11 January, 1899. (No. 159.)

*b.* ♀ ad. Telagubaie, Abyssinia, 17 February, 1899. (No. 325.)

*a.* ♂. Culmen 1·4 inches, wing 7·3, tail 9·3.

*b.* ♀. Culmen 1·4 inches, wing 7·4, tail 9·1.

Iris red; bill and legs black-brown.

The immature male (specimen *a*) is referred to this species with some doubt; the bill is slightly smaller than that of the female, and though the upper tail-coverts are barred with buff, the wings and the rest of the plumage show no trace of immaturity; the top of the head and back of the neck are, moreover, dark green, with a slight purplish-blue tinge on some of the feathers. This difference in colour may, however, be due to wear.

190. *COLIUS LEUCOTIS.*

*Colius leucotis* (Rüpp.); Sharpe, Cat. B. Brit. Mus. xvii. p. 341 (1892); id. P. Z. S. 1895, p. 502.

*a.* ♂. Harrar, Abyssinia, 27 December, 1898. (No. 41.)

Iris brown; bill black; legs red.



H. Cronvold del et col.

*CAPRIMULGUS STELLATUS.*

Illustration Zool. Mus. N. Y.



## 191. TACHORNIS PARVA.

*Tachornis parva* (Licht.); Hartert, Cat. B. Brit. Mus. xvi. p. 463 (1892); Sharpe, P. Z. S. 1895, p. 503.

a. Famaka, Blue Nile, 9 May, 1899. (No. 504.)

Iris brown; bill and legs black.

## 192. CAPRIMULGUS POLIOCEPHALUS.

*Caprimulgus poliocephalus* Rüpp. Neue Wirbelth. Vög. p. 106 (1835); id. Syst. Uebers. p. 15, pl. iv. (1845); Hartert, Cat. B. Brit. Mus. xvi. p. 546 (1892).

a. ♂ ad. Akake, Abyssinia, 24 January, 1899. (No. 273.)

Iris brown; bill black; legs dark brown.

So far as I am aware, the only previously known example of this rare Goatsucker is the type in the Frankfort Museum: the adult male bird before us agrees exactly with Rüppell's description. This species is of course new to the British Museum Collection.

[Seen occasionally.—L.]

## 193. CAPRIMULGUS STELLATUS. (Plate IV.)

*Caprimulgus stellatus* Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xxi (1899).

a. ♂ ad. Kassim river, Abyssinia, 17 January, 1899. (No. 222.) [*Type of the species.*]

This very distinct species is perhaps most nearly allied to *C. griseatus* Gray, from the Philippine Islands. It has the general colour of the upper parts earthy brown, with very fine vermiculations of black and greyish, most distinct on the head and neck; each feather of the crown and scapulars ornamented near the extremity of the shaft with a star-shaped black spot margined externally with buff, the external buff markings being especially conspicuous on the scapulars; the wing-coverts and innermost secondaries similarly ornamented with buff, edged internally with black; the markings on the remiges very similar to those of *C. griseatus*, but the white markings on the four outer primaries much narrower, and the red bars on the inner quills much wider and more distinct; the underparts very similar to those of *C. griseatus*, but the chest and breast

darker and more uniform; the two outer pairs of tail-feathers black, irregularly barred with rufous and with only the terminal part (0·8 inch) of both webs white. Iris brown; bill black; legs brown. Total length about 10·0 inches, exposed part of culmen 0·45, wing 6·1, tail 4·3, tarsus 0·72.

[I believe this Goatsucker to be not uncommon in Shoa: it is rather lighter in colour than *C. poliocephalus*, and I believe that I saw it more than once, about dusk and in the early morning.—L.]

194. SCOTORNIS CLIMACURUS.

*Scotornis climacurus* (Vieill.); Hartert, Cat. B. Brit. Mus. xvi. p. 596 (1892).

a. ? Blue Nile, 15 May, 1899. (No. 522.)

Iris brown; bill and legs dusky.

[A very common bird on the Blue Nile, large numbers coming down to drink at the river just after the time of the Sand-Grouse. This Nightjar drinks like the Swallow and Swift. Captain Hunter kindly shot two specimens for me.—L.]

195. MACRODYPTERYX MACRODIPTERUS.

*Macrodypteryx macrodipterus* (Afzel); Hartert, Cat. B. Brit. Mus. xvi. p. 594 (1892).

a. ♂. Wama, Abyssinia, 12 March, 1899. (No. 404.)

b. ♂. Mendi, „ 31 March, 1899. (No. 466.)

c. ♂ imm. Mendi, Abyssinia, 2 April, 1899. (No. 470.)

d. ♂. „ „ 3 April, 1899. (No. 473.)

e. ♂ imm. „ „ 4 April, 1899. (No. 476.)

Iris, bill, and legs dark brown.

[On the wing the male of this curious Goatsucker looks like a bird followed by two small bats attached to it by strings. When at rest the two elongate racquet-shaped quills were always extended beyond the tail, and the bird was never observed to erect them vertically above the back: indeed it seems impossible that it should be able to do so. These long wing-feathers apparently give it a great advantage in seeking its food, as the crop was always found full of night-beetles and flying-bugs even at early dusk.

This bird was met with only in the valley of the Nile and its tributaries.—L.]

196. MELITTOPHAGUS PUSILLUS.

*Melittophagus pusillus* (P. L. S. Müller); Sharpe, Cat. B. Brit. Mus. xvii. p. 47, pl. i. fig. 5 (1892).

a. ♂. Gelongol, Abyssinia, 13 March, 1899. (No. 409.)

b. ♀. Blue Nile, „, 13 May, 1899. (No. 506.)

Iris red; bill black; legs dusky.

197. MELITTOPHAGUS SHARPII.

*Melittophagus cyanostictus* Sharpe (nec Cab.), Cat. B. Brit. Mus. xxvii. p. 48 (1892); id. P. Z. S. 1895, p. 501; Lort Phillips, Ibis, 1898, p. 418 [N. Somaliland]; Hawker, Ibis, 1899, p. 76.

*Melittophagus sharpei* Hartert, Bull. B. O. C. vol. x. p. xxvii (1899).

a, b. ♂ ♀. Hargeisa, Somaliland, 13 December, 1898. (Nos. 4, 5.)

c. Acabsiyo, Somaliland, 17 December, 1898. (No. 16.)

d. ♂. Feyambiro, Abyssinia, 25 December, 1898. (No. 33.)

e. ♂. Laga Hardim, Abyssinia, 15 January, 1899. (No. 198.)

Iris red; bill black; legs dusky in a and b, black in c and d, dark brown in e.

198. MELITTOPHAGUS LAFRESNAYI.

*Melittophagus lafresnayii* (Guérin); Sharpe, Cat. B. Brit. Mus. xvii. p. 49 (1892).

a. ♀. Chercher, Abyssinia, 12 January, 1899. (No. 173.)

Iris red; bill black; legs dark brown.

199. MELITTOPHAGUS BULLOCKI.

*Melittophagus bullocki* (Vieill.); Sharpe, Cat. B. Brit. Mus. xvii. p. 51 (1892).

a. ♂. Blue Nile, 13 May, 1899. (No. 505.)

b. Ad. Blue Nile, 15 May, 1899. (No. 523.)

Iris brown; bill and legs black.

## 200. MELITTOPHAGUS REVOILLII.

*Melittophagus revouilli* (Oustalet); Sharpe, Cat. B. Brit. Mus. xvii. p. 54 (1892); id. P. Z. S. 1895, p. 502.

a. ♂. Gobeyla, Somaliland, 11 December, 1898. (No. 1.)  
Iris red; bill and legs black.

## 201. MEROPS APIASTER.

*Merops apiaster* (Linn.); Sharpe, Cat. B. Brit. Mus. xvii. p. 63 (1892); id. P. Z. S. 1895, p. 501.

a. ♀. Gelongol, Abyssinia, 13 May, 1899. (No. 405.)

## 202. MEROPS NUBICUS.

*Merops nubicus* Gm.; Sharpe, Cat. B. Brit. Mus. xvii. p. 85 (1892); id. P. Z. S. 1895, p. 501.

a. ♂. Telagubaic, Abyssinia, 17 February, 1899. (No. 329.)

b. ♀. Arriro, Abyssinia, 19 February, 1899. (No. 345.)

c, d. ♂ ♀. Bilo, ,, 10 March, 1899. (Nos. 385, 386.)

e. ♀. Mendi, Abyssinia, 4 April, 1899. (No. 474.)

f. ♂. Blue Nile, 16 May, 1899. (No. 510.)

g, h. ♂ ♀. Roseires, Blue Nile, 20 May, 1899. (Nos. 518, 519.)

Iris red; bill black; legs in a, b, c, and d black, in e dark brown, in f, g, h dusky.

## 203. UPUPA EPOPS.

*Upupa epops* L.; Salvin, Cat. B. Brit. Mus. xvi. p. 4 (1892); Hawker, Ibis, 1899, p. 76 [Somaliland].

a. ♂. Chereher, Abyssinia, 12 January, 1899. (No. 175.)

b. ♂. Famaka, Blue Nile, 9 May, 1899. (No. 503.)

Iris brown; bill black; legs light slate-colour.

## 204. IRRISOR ERYTHORHYNCHUS.

*Irrisor erythrorhynchus* (Lath.); Salvin, Cat. B. Brit. Mus. xvi. p. 19 (1892); Sharpe, P. Z. S. 1895, p. 500; Lort Phillips, Ibis, 1898, p. 417 [N. Somaliland]; Hawker, Ibis, 1899, p. 76.

a. ♂. Bilo, Abyssinia, 10 March, 1899. (No. 393.)

Iris brown; bill black; legs red.

205. RHINOPOMASTUS MINOR.

*Rhinopomastus minor* (Rüpp.); Salvin, Cat. B. Brit. Mus. xvi. p. 26 (1892); Sharpe, P. Z. S. 1895, p. 500; Lort Phillips, Ibis, 1898, p. 417 [N. Somaliland]; Hawker, Ibis, 1899, p. 76.

♀. Abyssinia, 15 January, 1899. (No. 197.)

Iris brown; bill orange; legs black.

206. BUCORAX ABYSSINICUS.

*Bucorax abyssinicus* (Bodd.); Grant, Cat. B. Brit. Mus. xvii. p. 349 (1892); Sharpe, P. Z. S. 1895, p. 499.

a. ♀. Kassim river, Abyssinia, 19 January, 1899. (No. 246.)

Iris brown; bill and legs black; skin on throat dark slate-blue.

207. LOPHOCEROS HEMPRICHI.

*Lophoceros hemprichi* Ehr.; Grant, Cat. B. Brit. Mus. xvii. p. 405 (1892); Sharpe, P. Z. S. 1895, p. 498.

a. ♂. Feyambiro, Abyssinia, 26 December, 1898. (No. 37.)

b. ♂. Arriro, Abyssinia, 18 February, 1899. (No. 336.)

a. Iris brown; bill red-brown.

b. Iris brown; upper mandible dark brown, lower red-brown; legs black.

208. LOPHOCEROS NASUTUS.

*Lophoceros nasutus* (Linn.); Grant, Cat. B. Brit. Mus. xvii. p. 406 (1892).

a. ♂. Gerru, Abyssinia, 6 February, 1899. (No. 297.)

Iris brown; bill black with white markings; legs black.

[This Hornbill was often seen to hawk for locusts. I once saw one of these birds with a snake 14 inches long in its bill, and it was not easy to make out which of them appeared to be in the greater difficulty.—L.]

209. LOPHOCEROS ERYTHORHYNCHUS.

*Lophoceros erythrorhynchus* (Temm.); Grant, Cat. B. Brit. Mus. xvii. p. 409 (1892).

*Lophoceros medianus* Sharpe, P. Z. S. 1895, p. 498; Lort Phillips, Ibis, 1898, p. 417; Hawker, Ibis, 1899, p. 75.

I have again compared specimens of *L. medianus* Sharpe with typical examples of *L. erythrorhynchus* Temm., from Senegal, and can find no difference between the two in either plumage or size.

a. ♂. Kassim river, Abyssinia, 18 January, 1899. (No. 231.)

Iris brown; bill red-brown; legs black.

210. *BYCANISTES CRISTATUS*.

*Bycanistes cristatus* (Rüpp.); Grant, Cat. B. Brit. Mus. xvii. p. 417 (1892).

a. ♂. Bilo, Abyssinia, 10 March, 1899. (No. 396.)

Iris brown; bill dusky; casque dirty ivory-white; legs black.

211. *CERYLE RUDIS*.

*Ceryle rudis* (Linn.); Sharpe, Cat. B. Brit. Mus. xvii. p. 109 (1892); id. P. Z. S. 1895, p. 496.

a. ♀. Akake, Abyssinia, 24 January, 1899. (No. 275.)

b. ♂. Roseires, Blue Nile, 19 May, 1899. (No. 516.)

Iris brown; bill and legs black.

212. *CERYLE MAXIMA*.

*Ceryle maxima* (Pall.); Sharpe, Cat. B. Brit. Mus. xvii. p. 118 (1892).

a. ♂. Philwaha, Abyssinia, 16 February, 1899. (No. 324.)

Iris brown; bill and legs black.

213. *ALCEDO SEMITORQUATA*.

*Alcedo semitorquata* Swains.; Sharpe, Cat. B. Brit. Mus. xvii. p. 153 (1892).

a. ♀. Telagubaie, Abyssinia, 17 February, 1899. (No. 330.)

Iris brown; bill black, lower mandible red at base; legs bright red.

214. *CORYTHORNIS CYANOSTIGMA*.

*Corythornis cyanostigma* (Rüpp.); Sharpe, Cat. B. Brit. Mus. xvii. p. 163 (1892).

*a.* ♂. Mendi, Abyssinia, 1 April, 1899. (No. 467.)

Iris brown; bill and legs bright red.

215. HALCYON SEMICÆRULEA.

*Halcyon semicærulæa* (Forskål); Sharpe, Cat. B. Brit. Mus. xvii. p. 232 (1892); id. P. Z. S. 1895, p. 497.

*a.* ♂. Ganti, Abyssinia, 30 March, 1899. (No. 465.)

Iris brown; bill and legs red.

216. HALCYON CHELICUTENSIS.

*Halcyon chelicutensis* (Stanley); Sharpe, Cat. B. Brit. Mus. xvii. p. 239 (1892); id. P. Z. S. 1895, p. 497; Hawker, Ibis, 1899, p. 76.

*a.* ♀. Kassim river, Abyssinia, 18 January, 1899. (No. 228.)

*b.* ♀. Telagubaie, Abyssinia, 17 February, 1899. (No. 331.)

*c.* ♀. Didesa, Abyssinia, 21 March, 1899. (No. 434.)

*d.* ♀. Sati, Abyssinia, 30 March, 1899. (No. 462.)

Iris brown; upper mandible dark, lower red; legs in *a*, brown, in *b*, *c*, and *d* dull red.

217. CORACIAS ABYSSINICUS.

*Coracias abyssinicus* Bodd.; Sharpe, Cat. B. Brit. Mus. xvii. p. 19 (1892).

*a.* ♂. Kassim river, 19 January, 1899. (No. 233.)

*b, c, d, e.* ♀ ♂ ♂ ♂. Tickka Tcheeka, Abyssinia, 22 February, 1899. (Nos. 358, 359, 360, 361.)

*f.* ♂. Gelongol, Abyssinia, 13 March, 1899. (No. 410.)

Iris brown; bill black; legs dull yellow.

[This Roller was to be met with in every valley of Shoa.—L.]

218. CORACIAS LORTI.

*Coracias lorti* Shelley; Sharpe, Cat. B. Brit. Mus. xvii. p. 20 (1892); id. P. Z. S. 1895, p. 496; Lort Phillips, Ibis, 1898, p. 416.

*a.* ♂. Hargeisa, Somaliland, 13 December, 1898. (No. 8.)

Iris brown; bill black; legs horn.

[Never met with in Abyssinia, where its place is taken by *Coracias abyssinicus*.—L.]

219. *CORACIAS NÆVIUS*.

*Coracias navius* Daud. ; Sharpe, Cat. B. Brit. Mus. xvii. p. 24 (1892) ; id P. Z. S. 1895, p. 496 ; Lort Phillips, Ibis, 1898, p. 416 ; Hawker, Ibis, 1899, p. 75.

a. ♂. Ticksa Tcheeka, Abyssinia, 22 February, 1899. (No. 362.)

Iris brown ; bill black ; legs dull yellow.

[This Roller was seen only on the western side of Shoa, and then rarely.—L.]

220. *EURYSTOMUS AFER*.

*Eurystomus afer* (Lath.) ; Sharpe, Cat. B. Brit. Mus. xvii. p. 30 (1892).

a. ♀. Guatti, Abyssinia, 27 March, 1899. (No. 452.)

Iris brown ; bill yellow ; legs greenish yellow.

[This Roller was seen only in the Nile Valley, where its hoarse note makes it easily distinguishable. On the Blue Nile large numbers of these or very similar birds were seen towards dusk, chasing moths after the manner of Night-jars.—L.]

221. *PŒOCEPHALUS FLAVIFRONS*.

*Pœocephalus flavifrons* (Rüpp.) ; Salvad. Cat. B. Brit. Mus. xx. p. 369 (1891).

a. ♀. Burka, Abyssinia, 6 January, 1899. (No. 130.)

Iris orange-red ; upper mandible dark, lower light brown ; legs dark brown.

222. *PŒOCEPHALUS RUFIVENTRIS*.

*Pœocephalus rufiventris* (Rüpp.) ; Salvad. Cat. B. Brit. Mus. xx. p. 372 (1891) ; Sharpe, P. Z. S. 1895, p. 494.

a. ♂. Kassim river, Abyssinia, 19 January, 1899. (No. 235.)

Iris orange-brown ; bill and legs dark.

223. *AGAPORNIS TARANTE*.

*Agapornis tarantæ* (Stanl.) ; Salvad. Cat. B. Brit. Mus. xx. p. 509 (1891).



a. ♀. Chelunco, Abyssinia, 4 January, 1899. (No. 105.)  
Iris brown; bill red; legs dark brown.

224. BUBO LACTEUS.

*Bubo lacteus* (Temm.); Sharpe, Cat. B. Brit. Mus. ii. p. 33 (1875); id. P. Z. S. 1895, p. 503.

a. ♀. Arriro, Abyssinia, 18 February, 1899. (No. 337.)  
Iris brown; bill pale blue.

[Seen in the Gedda Valley, but not observed elsewhere. A similar but much larger species of the "Eagle Owl" kind (probably *Bubo cinerascens* Guér.) was observed at Lake Chereher; though stalked with some care, such was its sharp-sightedness that it was impossible to get even within rifle-shot after it had once been alarmed.—L.]

225. GLAUCIDIUM PERLATUM.

*Glaucidium perlatum* (Vieill.); Sharpe, Cat. B. Brit. Mus. ii. p. 209 (1875); id. P. Z. S. 1895, p. 504; Hawker, Ibis, 1899, p. 77.

a. ♂. Kassim river, Abyssinia, 18 January, 1899. (No. 227.)

b. ♀. Roseires, Blue Nile, 20 May, 1899. (No. 520.)

[This Owl was observed only on the lower plains. It appears to be little troubled by daylight, and the one shot at Kassim at midday had just caught and killed a grass-snake.—L.]

226. MELIERAX POLYZONUS.

*Melierax polyzonus* (Rüpp.); Sharpe, Cat. B. Brit. Mus. i. p. 88 (1874).

a. ♂. Burka, Abyssinia, 7 January, 1899. (No. 137.)  
Bill black; cere orange-red; legs orange-red.

[Met with everywhere throughout our journey.—L.]

227. MELIERAX GABAR.

*Melierax gabar* (Daud.); Sharpe, Cat. B. Brit. Mus. i. p. 89 (1874); id. P. Z. S. 1895, p. 506; Hawker, Ibis, 1899, p. 77.

a. ♂. Blue Nile, 15 May, 1899. (No. 509.)

Iris brown; bill black, orange at the base; legs orange.

## 228. MELIERAX NIGER.

*Melierax niger* (Vieill.); Sharpe, Cat. B. Brit. Mus. i. p. 91 (1874); id. P. Z. S. 1895, p. 506; Lort Phillips, Ibis, 1898, p. 419; Hawker, Ibis, 1899, p. 77.

a. ♀. Kassim river, Abyssinia, 20 January, 1899. (No. 245.)

Iris red-brown; bill black; cere yellow; legs orange.

## 229. BUTASTUR RUFIPENNIS.

*Butastur rufipennis* Sund.; Sharpe, Cat. B. Brit. Mus. i. p. 299 (1874).

a. ♂. Beni Schongul, Abyssinia, 2 May, 1899. (No. 490.)

Iris yellow; bill blue at tip, at base and round eye yellow; legs yellow.

## 230. BUTEO AUGUR.

*Buteo augur* (Rüpp.); Sharpe, Cat. B. Brit. Mus. i. p. 175 (1874); id. P. Z. S. 1895, p. 507.

a. ♀ imm. Gadaburka, Abyssinia, 21 January, 1899. (No. 252.)

b. ♂. Borumeda, Abyssinia, 9 February, 1899. (No. 309.)

c. ♀. Borumeda, Abyssinia, 13 February, 1899. (No. 311.)

a. ♀ imm. Iris brown; bill steel-blue; legs yellow.

b. ♂. Very old bird. Iris brown; bill black, base yellow; legs dark yellow.

♀ adult. Iris brown; bill dark blue; base and corners of mouth yellow; legs yellow.

[This Buzzard was met with throughout Abyssinia on the highland plateaux as well as on the plains.—L.]

## 231. POLIOHIERAX SEMITORQUATUS.

*Poliohierax semitorquatus* (Smith); Sharpe, Cat. B. Brit. Mus. i. p. 370 (1874); id. P. Z. S. 1895, p. 510; Lort Phillips, Ibis, 1898, p. 420; Hawker, Ibis, 1899, p. 78.

a. ♂. Hawash, Abyssinia, 17 January, 1899. (No. 211.)

b. ♀. " " " " (No. 212.)

Iris brown; bill bluish, dark at tip; legs orange-red.

[This little Falcon was met with only twice on the low ground bordering the Donkali Plain.—L.]

232. *CERCINEIS TINNUNCULUS.*

*Cerchneis tinnunculus* (L.); Sharpe, Cat. B. Brit. Mus. i. p. 425 (1874); id. P. Z. S. 1895, p. 510; Lort Phillips, Ibis, 1898, p. 420.

a. ♀. Arriro, Abyssinia, 19 February, 1899. (No. 346.)  
Iris brown; bill blue; legs yellow.

233. *CERCINEIS ARDESIACUS.*

*Cerchneis ardesiacus* Bonn.; Sharpe, Cat. B. Brit. Mus. i. p. 446 (1874).

a. ♂. Beni Schongul, Abyssinia, 3 May, 1899. (No. 491.)

Iris brown; bill blue; cere yellow; legs yellow.

234. *LOPHOAËTUS OCCIPITALIS.*

*Lophoaëtus occipitalis* Daud.; Sharpe, Cat. B. Brit. Mus. i. p. 275 (1874).

a. ? Arriro, Abyssinia, 18 February, 1899. (No. 334.)

[This bird inhabits the higher plateaux: a similar Crested Eagle without the conspicuous white marking on the primaries was observed by both Mr. Harwood and myself at Burka.—L.]

235. *GYPÆTUS BARBATUS.*

*Gypaëtus barbatus* (Linn.); Sharpe, Cat. B. Brit. Mus. i. p. 228 (1874).

a. ♂. Borumeda, Abyssinia, 12 February, 1899. (No. 310.)

Iris ash-fawn; bill greenish grey; legs whitish yellow.

236. *PHALACROCORAX AFRICANUS.*

*Phalacrocorax africanus* (Gm.); Grant, Cat. B. Brit. Mus. xxvi. p. 407 (1898).

a. ? Arriro, Abyssinia, 18 February, 1899. (No. 335.)

Iris brown; upper mandible dark brown, lower dark yellow; legs black.

237. *PLOTUS RUFUS*.

*Plotus rufus* Lacép. ; Grant, Cat. B. Brit. Mus. xxvi. p. 412 (1898).

a. Wings only. Didesa river, Abyssinia, 21 March, 1899. (No. 440.)

Bill yellowish horn ; legs pale yellow.

238. *PELECANUS RUFESCENS*.

*Pelecanus rufescens* (Gm.) ; Grant, Cat. B. Brit. Mus. xxvi. p. 474 (1898).

a. ♀. Lake Chercher, Abyssinia, 12 January, 1899. (No. 178.)

Iris yellow, mottled with brown ; bill light slate-colour ; pouch greenish white ; legs yellowish white.

[One pair only of these Pelicans was seen on Lake Chercher, the species not having been met with again until the Blue Nile was reached. The isolated position of this lake and the absence of any stream of any magnitude out of it makes one wonder how these great unwieldy birds could have found their way there.—L.]

239. *CHENALOPEX ÆGYPTIACUS*.

*Chenalopex ægyptiacus* (Linn.) ; Salvad. Cat. B. Brit. Mus. xxvii. p. 167 (1895) ; Sharpe, P. Z. S. 1895, p. 510.

a. ♂. Lake Harrar Meyer, Abyssinia, 31 December, 1898. (No. 59.)

Iris orange-brown ; bill pink, edges black ; legs pinkish white.

240. *CASARCA RUTILA*.

*Casarca rutila* (Pall.) ; Salvad. Cat. B. Brit. Mus. xxvii. p. 177 (1895).

a. ♂. Damai Damash, Abyssinia, 23 February, 1899. (No. 370.)

Iris brown ; bill and legs black.

241. *ANAS UNDULATA*.

*Anas undulata* Dubois ; Salvad. Cat. B. Brit. Mus. xxvii. p. 212 (1895).

*Anas undata* Sharpe, P. Z. S. 1895, p. 511.

a. ♂. Lake Harrar Meyer, Abyssinia, 31 December, 1898. (No. 58.)

Iris light hazel ; bill yellow ; nail and middle between nostrils black ; legs black with yellow showing through.

[This bird was found both on the lakes of Harrar Meyer and Chercher, and also on the main streams of the high plateaux. It is tamer than any of the other Ducks, and the Western Gallas, I was told, sometimes kill it by throwing sticks somewhat similar in shape to the Australian boomerang.—L.]

242. *ANAS SPARSA*.

*Anas sparsa* Smith ; Salvad. Cat. B. Brit. Mus. xxvii. p. 213 (1895).

a. Gedda, Abyssinia, 1 February, 1899. (No. 287.)

Iris brown ; bill dark brown ; legs and toes yellow ; webs dusky.

[Seen only on the small streams of the high central Abyssinian plateaux. This Duck was not observed in the larger rivers, which teemed with the Yellow-billed Duck (*Anas undulata*), the small Grey Goose, Teal, and Wigeon.—L.]

243. *MARECA PENELOPE*.

*Mareca penelope* (Linn.) ; Salvad. Cat. B. Brit. Mus. xxvii. p. 227 (1895).

a. ♀. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 83.)

b. ♀. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 84.)

c. ♂. Lake Gedda, Abyssinia, 4 February, 1899. (No. 302.)

a. ♀. Iris hazel ; bill dark slate-colour ; legs slate-colour.

b. ♀. „ white ; „ „

c. ♂. „ brown ; „ „

244. *NETTION CRECCA*.

*Nettion crecca* (Linn.) ; Salvad. Cat. B. Brit. Mus. xxvii. p. 243 (1895).

a. ♂. Lake Harrar Meyer, Abyssinia, 31 December, 1898. (No. 62.)

b. ♀. Lake Harrar Meyer, Abyssinia, 31 December, 1898. (No. 63.)

Iris brown ; bill black ; legs light slate-colour.

## 245. NETTION PUNCTATUM.

*Nettion punctatum* (Burch.); Salvad. Cat. B. Brit. Mus. xxvii. p. 265 (1895).

a. ♂. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 81.)

Iris brown; bill and legs dark slate-colour.

## 246. DAFILA ACUTA.

*Dafila acuta* (Linn.); Salvad. Cat. B. Brit. Mus. xxvii. p. 270 (1895).

a. ♂. Karrafino, Abyssinia, 24 February, 1899. (No. 372.)

Iris brown; bill black; legs dark slate-colour.

## 247. PÆCILONETTA ERYTHORHYNCHA.

*Pæcilonetta erythrorhyncha* (Gm.); Salvad. Cat. B. Brit. Mus. xxvii. p. 285 (1895).

a. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 78.)

Iris brown; bill dull red, centre and edges black; legs black and dark yellow.

## 248. QUERQUEDULA CIRCIA.

*Querquedula circia* (Linn.); Salvad. Cat. B. Brit. Mus. xxvii. p. 293 (1895).

a. ♂. Lake Harrar Meyer, Abyssinia, 31 December, 1898. (No. 60.)

Iris brown; bill dark slate; legs slate-colour.

## 249. SPATULA CLYPEATA.

*Spatula clypeata* (Linn.); Salvad. Cat. B. Brit. Mus. xxvii. p. 306 (1895).

a. ♂. Lake Harrar Meyer, Abyssinia, 31 December, 1898. (No. 61.)

b. ♀. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 86.)

a. ♂. Iris yellow; bill black; legs deep orange.

b. ♀. Iris light hazel; bill brown; legs dull orange.

## 250. NYROCA AFRICANA.

*Nyroca africana* (Güldenst.); Salvad. Cat. B. Brit. Mus. xxvii. p. 345 (1895).

*a.* ♀. Lake Harrar Meyer, Abyssinia, 2 January, 1899.  
(No. 85.)

Iris light hazel; bill and legs dark slate-colour.

251. *FULIGULA FULIGULA.*

*Fuligula fuligula* (Linn.); Salvad. Cat. B. Brit. Mus. xxvii.  
p. 363 (1895).

*a.* ♂ (obviously adult ♀). Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 87.)

*b.* ♂. Lake Harrar Meyer, Abyssinia, 2 January, 1899.  
(No. 88.)

Iris yellow; bill and legs dark slate-colour.

[These Ducks were common on Lakes Harrar Meyer and Chercher, but not seen on the rivers and small hill-lochs of the higher Abyssinian plateaux.—L.]

252. *HAGEDASHIA HAGEDASH.*

*Hagedashia hagedash* (Lath.); Sharpe, Cat. B. Brit. Mus.  
xxvi. pp. 19, 265 (1898).

*a.* ♀. Mendi, Abyssinia, 4 April, 1899. (No. 475.)

*b.* ♂. Famaka, Blue Nile, 8 May, 1899. (No. 501.)

Iris in *a.* inner ring brown, outer white; in *b.* yellow; bill black, ridge of culmen dark red; legs black, front of legs and toes dark red.

253. *PLEGADIS FALCINELLUS.*

*Plegadis falcinellus* (Linn.); Sharpe, Cat. B. Brit. Mus.  
xxvi. p. 29 (1898).

Head and legs only.

254. *ARDEA MELANOCEPHALA.*

*Ardea melanocephala* Vig. & Childr.; Sharpe, Cat. B. Brit. Mus.  
xxvi. pp. 70, 268 (1898).

*a.* ♂. Lake Chercher, Abyssinia, 11 January, 1899. (No. 161.)

Iris yellow; upper mandible black, lower light; legs black.

255. *BUBULCUS LUCIDUS.*

*Bubulcus lucidus* (Rafin.); Sharpe, Cat. B. Brit. Mus. xxvi.  
pp. 213, 282 (1898).

a. ♂. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 89.)

Iris yellow; bill yellow; legs, below joint brown, above yellow.

256. *SCOPUS UMBRETTA*.

*Scopus umbretta* Gm.; Sharpe, Cat. B. Brit. Mus. xxvi. p. 288 (1898).

a. ♀. Waha Zinzero, Abyssinia, 4 February, 1899. (No. 290.)

Iris brown; bill and legs dark brown.

257. *ABDIMIA ABDIMII*.

*Abdimia abdimii* (Licht.); Sharpe, Cat. B. Brit. Mus. xxvi. p. 292 (1898).

a. ♂. Mendi, Abyssinia, 14 April, 1899. (No. 482.)

Iris brown; bill dull sage-green, red at tip; throat red; sides of face blue, front of eye red; legs greenish, dark brownish red at joint and toes.

258. *DISSURA EPISCOPUS*.

*Dissura episcopus* (Bodd.); Sharpe, Cat. B. Brit. Mus. xxvi. p. 294 (1898).

a. ♂. Philwaha, Abyssinia, 17 February, 1899. (No. 333.)

Iris red; bill dark red and black; legs black.

259. *NEOTIS DENHAMI*.

*Neotis denhami* Childr.; Sharpe, Cat. B. Brit. Mus. xxiii. p. 302 (1894).

a. Head and neck of this very rare species.

Iris brown; culmen dark, sides light slate-colour, all the underside of bill white; legs pale yellow.

Total length (measured in the flesh) 43·0 inches; expanse of wing 84·0.

260. *LISSOTIS LOVATI*.

*Lissotis lovati* Grant, Bull. B. O. C. vol. x. p. xxxix (1900).

a. ♂. Bilo, Abyssinia, 10 March, 1899. (No. 397.)  
[*Type of the species.*]

*Adult male.* Most nearly allied to *L. melanogaster* (Rüpp.), which it resembles in general appearance, but the *middle*



three-fifths of the outer webs of the secondaries are pure white to the shaft. In this respect it approaches *L. hartlaubi* (Heugl.), but the differently-marked plumage of the upper parts, as well as the black rump and tail, serve to distinguish the latter species at a glance. Iris pale yellowish brown; bill dark; legs pale yellowish white. Total length about 23 inches, culmen 1.95, wing 13.8, tail 7.6, tarsus 5.1.

The type is a male in the fullest adult plumage, and I think there can be no doubt that it represents a perfectly distinct species intermediate between *L. melanogaster* and *L. hartlaubi*.

261. *EUPODOTIS KORI*.

*Eupodotis kori* Burch.; Sharpe, Cat. B. Brit. Mus. xxiii. p. 324 (1894); Hawker, Ibis, 1899, p. 79.

a. Head only.

262. *ÆDICNEMUS AFFINIS*.

*Ædicnemus affinis* Rüpp.; Sharpe, Cat. B. Brit. Mus. xxiv. p. 17 (1896); Lort Phillips, Ibis, 1898, p. 421.

The measurement of the tarsus, 3.7 inches, is rather in excess of that given in the Catalogue.

a. Jiffa Uri, Somaliland, 18 December, 1898. (No. 18.)

Iris yellow; bill yellow at base, black at tip; legs yellow, brown in front.

263. *ÆDICNEMUS SENEGALENSIS*.

*Ædicnemus senegalensis* Swains.; Sharpe, Cat. B. Brit. Mus. xxiv. pp. 10, 721 (1896).

a. ♂. Didesa, Abyssinia, 21 March, 1899. (No. 439.)

b. ♀. Famaka, Blue Nile, 7 May, 1899. (No. 500.)

a. Iris yellow; bill black, base yellow; legs yellowish white.

b. Iris pale yellow; bill black, base pale yellow; legs pale yellow.

264. *PLUVIANUS ÆGYPTIUS*.

*Pluvianus aegyptius* (Linn.); Sharpe, Cat. B. Brit. Mus. xxiv. p. 32 (1896).

a. ♀. Didesa river, Abyssinia, 21 March, 1899. (No. 435.)

Iris brown; bill black; legs light blue.

## 265. GALACTOCHRYSEA EMINI.

*Galactochrysea emini* (Shelley); Sharpe, Cat. B. Brit. Mus. xxiv. pp. 64, 726 (1896).

a. ♀. Didesa river, Abyssinia, 21 March, 1899. (No. 436.)  
Iris brown; base of bill dark red, tip black; legs dark red.

## 266. STEPHANIBYX MELANOPTERUS.

*Stephanibyx melanopterus* (Cretzschm.); Sharpe, Cat. B. Brit. Mus. xxiv. p. 180 (1896).

a. ♂. Garsa, Abyssinia, 3 January, 1899. (No. 102.)

b. ♂. Alliti, ,, 26 February, 1899. (No. 374.)

a. Iris, inner circle green, outer yellow; bill black; legs dark red.

b. Iris pale yellow; bill black; legs red above the joint, dark red-brown below.

## 267. LOBIVANELLUS SENEGALENSIS.

*Lobivanellus senegalensis* Linn.; Sharpe, Cat. B. Brit. Mus. xxiv. pp. 141, 733 (1896).

a. ♂. Mendi, Abyssinia, 13 April, 1899. (No. 481.)

Iris greyish yellow; eyelid yellow; wattle dark red above, yellow below; bill yellow, black at tip; legs pale yellow.

## 268. TYLIBIX MELANOCEPHALUS.

*Tylibyx melanocephalus* (Rüpp.); Sharpe, Cat. B. Brit. Mus. xxiv. pp. 153, 734 (1896).

a. ♀. Borumeda, Abyssinia, 9 February, 1899. (No. 308.)

Iris yellowish grey; eyelid dark yellow; wattle light yellow; bill black, light yellow at base; legs bright yellow.

## 269. HOPLOPTERUS SPINOSUS.

*Hoplopterus spinosus* (Linn.); Sharpe, Cat. B. Brit. Mus. xxiv. pp. 157, 734 (1896).

a. ♂. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 90.)

b. ♀. Famaka, Blue Nile, 6 May, 1899. (No. 496.)

c. ♀. Roseires, ,, 19 May, 1899. (No. 515.)

Iris red; bill and legs black.

## 270. TRINGOIDES HYPOLEUCUS.

*Tringoides hypoleucus* (Linn.); Sharpe, Cat. B. Brit.

Mus. xxiv. pp. 456 & 762 (1896) ; Lort Phillips, Ibis, 1898, p. 423 ; Hawker, Ibis, 1899, p. 80.

a. ♂. Telagubaic, Abyssinia, 17 February, 1899. (No. 332.)

Iris brown ; bill dark ; legs pale yellowish grey.

271. *GLOTTIS NEBULARIUS*.

*Glottis nebularius* (Gunn.) ; Sharpe, Cat. B. Brit. Mus. xxiv. pp. 481 & 763 (1896).

a. ♀. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 76.)

Iris brown ; bill black ; legs greenish grey.

272. *HELODROMAS OCHROPUS*.

*Helodromas ochropus* (Temm.) ; Sharpe, Cat. B. Brit. Mus. xxiv. pp. 437 & 759 (1896) ; Lort Phillips, Ibis, 1898, p. 423.

a. ♀. Baroma, Abyssinia, 10 January, 1899. (No. 151.)

Iris brown ; bill dark ; legs grey.

273. *RHYACOPHILUS GLAREOLA*.

*Rhyacophilus glareola* (Gm.) ; Sharpe, Cat. B. Brit. Mus. xxiv. pp. 491 & 764 (1896).

a. ♂. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 77.)

b. ♂. Lake Chercher, Abyssinia, 12 January, 1899. (No. 166.)

c. ♂. Roseires, Blue Nile, 19 May, 1899. (No. 514.)

Iris bright hazel ; bill dark ; legs in *a* greenish brown, in *b* dull greenish yellow, and in *c* sage yellow-green.

274. *PAVONCELLA PUGNAX*.

*Pavoncella pugnax* (Linn.) ; Sharpe, Cat. B. Brit. Mus. xxiv. pp. 500 & 764 (1896).

a. ♂. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 91.)

b. ♂. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 92.)

c. ♀. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 93.)

a. Iris brown ; bill dark ; legs greenish slate-colour.

b, c. Iris brown ; bill dark ; legs orange-red.

275. *Oxyechus tricollaris*.

*Oxyechus tricollaris* (Vicill.) ; Sharpe, Cat. B. Brit. Mus. xxiv. p. 247 (1896) ; Lort Phillips, Ibis, 1898, p. 423.

a. ♂. Waha Zinzero, Abyssinia, 4 February, 1899. (No. 289.)

Iris brown ; eyelid red ; bill dark ; legs dull yellow.

276. *Ægialitis dubia*.

*Ægialitis dubia* Scop. ; Sharpe, Cat. B. Brit. Mus. xxiv. p. 263 (1896).

a. ♂. Lake Harrar Meyer, Abyssinia, 30 December, 1898. (No. 54.)

Iris brown ; bill black ; legs yellow.

277. *Himantopus himantopus*.

*Himantopus himantopus* (Linn.) ; Sharpe, Cat. B. Brit. Mus. xxiv. p. 310 (1896).

a. ♀. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 75.)

Iris brownish orange ; bill black ; legs bright coral-red.

278. *Gallinago nigripennis*.

*Gallinago nigripennis* Bonap. ; Sharpe, Cat. B. Brit. Mus. xxiv. p. 631 (1896).

a. ♂. Borumeda, Abyssinia, 9 February, 1899. (No. 307.)

Iris brown ; bill dark ; legs dull yellow-green.

[Shoa, taken as a whole, is curiously deficient in this most sporting of birds. Miles of land suitable for the family are to be found in every valley ; yet, notwithstanding careful search, the Jack Snipe and the above were the only species met with, and these in very small numbers. Our investigations were carried out for only six months of the year, but Capt. Harrington and other residents assured us that at no time were these birds to be found in any great number.—L.]

279. *Hydrochelidon leucoptera*.

*Hydrochelidon leucoptera* Saunders, Cat. B. Brit. Mus. xxv. p. 6 (1896).

a. ♂. Blue Nile, 14 May, 1899. (No. 508.)

Iris dark brown ; bill dark brown ; legs red.

## 280. ROUGETIUS ROUGETI.

*Rougetius rougeti* (Guérin); Sharpe, Cat. B. Brit. Mus. xxiii. p. 162 (1894).

a. ♂. Gedda, Abyssinia, 1 February, 1899. (No. 286.)  
Iris light hazel; bill and legs dark brown.

## 281. PODICIPES CAPENSIS.

*Podicipes capensis* Licht.; Grant, Cat. B. Brit. Mus. xxvi. p. 513, pls. vii. & viii. (1898).

*Tachybaptus capensis* Lort Phillips, Ibis, 1898, p. 424.

a. ♀ imm. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 79.)

b. ♂. Lake Harrar Meyer, Abyssinia, 1 January, 1899. (No. 80.)

c. ♀. Lake Chercher, Abyssinia, 12 January, 1899. (No. 177.)

a. Iris brown; bill dull red; legs slate-colour.

b. Iris light hazel; bill and legs black.

c. Iris reddish; bill and legs dark brown.

## 282. PODICIPES NIGRICOLLIS.

*Podicipes nigricollis* Brehm; Grant, Cat. B. Brit. Mus. xxvi. p. 538 (1898).

a. ♀. Lake Harrar Meyer, Abyssinia, 2 January, 1899. (No. 82.)

Iris bright red; bill and legs black.

## 283. VINAGO WAALIA.

*Vinago waalia* (Gm.); Salvad. Cat. B. Brit. Mus. xxi. p. 15 (1893); Sharpe, P. Z. S. 1895, p. 516; Lort Phillips, Ibis, 1898, p. 424.

a. ♀. Laga Hardim, Abyssinia, 14 January, 1899. (No. 185.)

Iris red, a line of blue round the pupil; bill whitish; legs yellow.

[Feeds on the wild fig, and always to be found where these trees exist.—L.]

## 284. COLUMBA ALBITORQUES.

*Columba albitorques* Rüpp.; Salvad. Cat. B. Brit. Mus. xxi. p. 265 (1893); Sharpe, P. Z. S. 1895, p. 516.

a. ♂. Gedda, Abyssinia, 1 February, 1899. (No. 285.)  
Iris red; bill black; legs red.

[Lives in colonies in the rocks. When feeding in flocks, these Pigeons often keep very close together on the ground.—L.]

285. COLUMBA GUINEA.

*Columba guinea* (Linn.); Salvad. Cat. B. Brit. Mus. xxi. p. 266 (1893); Sharpe, P. Z. S. 1895, p. 517.

a. ♂. Laga Hardim, Abyssinia, 14 January, 1899. (No. 186.)

Iris red, round pupil dark red; bill dark; legs pinkish.

[This widely-distributed Pigeon nests in the rocks.—L.]

286. COLUMBA ARQUATRIX.

*Columba arquatrix* Temm.; Salvad. Cat. B. Brit. Mus. xxi. p. 276 (1893).

a. ♂. Warabili, Abyssinia, 3 January, 1899. (No. 97.)  
Iris orange-red; bill, eyelids, and legs light yellow.

[The only two occasions on which we came across this Pigeon was in thick forest. The food found in the crop consisted of berries, which it obtains by climbing about among the branches. It appeared to move about in the trees with greater ease than is usual among birds of this kind.—L.]

287. TURTUR LUGENS.

*Turtur lugens* (Rüpp.); Salvad. Cat. B. Brit. Mus. xxi. p. 408 (1893); Sharpe, P. Z. S. 1895, p. 517.

a. ♀. Balti, Abyssinia, 23 January, 1899. (No. 262.)  
Iris orange-red; bill black; legs red.

[Very common on the high plateaux.—L.]

288. TURTUR SEMITORQUATUS.

*Turtur semitorquatus* (Rüpp.); Salvad. Cat. B. Brit. Mus. xxi. p. 416 (1893).

a. ♀. Mendi, Abyssinia, 18 April, 1899. (No. 481.)

Narrow orange iris surrounding a large pupil; bill black; legs dull red.

[Widely distributed throughout the valleys of Southern Abyssinia.—L.]

289. *TURTUR AMBIGUUS.*

*Turtur ambiguus* Bocage; Salvad. Cat. B. Brit. Mus. xxi. p. 419 (1893).

a. ♂. Kassim river, Abyssinia, 20 January, 1899. (No. 240.)

b. ♀. Famaka, Blue Nile, 9 May, 1899. (No. 502.)

a. Iris yellow; bill black; legs red.

b. Iris yellow-brown; bill black; legs red.

[This Dove was very plentiful on the Kassim river and Blue Nile, but was not observed elsewhere.—L.]

290. *TURTUR VINACEUS.*

*Turtur vinaceus* (Gm.); Salvad. Cat. B. Brit. Mus. xxi. p. 428 (1893).

a. ♂. Tehlea, Abyssinia, 8 March, 1899. (No. 384.)

Iris brown; bill black; legs red.

[Common throughout Central and Southern Abyssinia.—L.]

291. *TURTUR SENEGALENSIS.*

*Turtur senegalensis* (Linn.); Salvad. Cat. B. Brit. Mus. xxi. p. 448 (1893); Sharpe, P. Z. S. 1895, p. 517.

a. ♀. Feyambiro, Abyssinia, 26 December, 1898. (No. 38.)

b. ♂. Feyambiro, Abyssinia, 26 December, 1898. (No. 39.)

c. ♂. Arriro, Abyssinia, 19 February, 1899. (No. 351.)

Iris brown; bill black; legs red.

[To be seen in pairs in every dhurra-field.—L.]

292. *ENA CAPENSIS.*

*Ena capensis* (Linn.); Salvad. Cat. B. Brit. Mus. xxi. p. 501 (1893); Sharpe, P. Z. S. 1895, p. 518; Lort Phillips, Ibis, 1898, p. 424; Hawker, Ibis, 1899, p. 81.

a. ♂. Acabsiyo, Somaliland, 17 December, 1898. (No. 17.)

b. ♂ juv. Hado, Abyssinia, 24 December, 1898. (No. 29.)

c. ♂. Feyambiro, Abyssinia, 25 December, 1898. (No. 30.)

*d.* ♀. Famaka, Blue Nile, 6 May, 1899. (No. 498.)

Iris brown; bill in *a* dark red, yellow at tip, in *b* and *c* red, in *d* black; legs red.

[Not found at any great elevation; it was not seen in the valleys of Central Abyssinia.—L.]

293. TYMPANISTRIA TYMPANISTRIA.

*Tympanistria tympanistria* (Temm.); Salvad. Cat. B. Brit. Mus. xxi. p. 504 (1893).

*a.* ♂. Wama, Abyssinia, 12 March, 1899. (No. 402.)

Iris brown; bill black; legs red.

This is the first time this species has been recorded from Abyssinia. It was previously known to occur as far north as British East Africa.

[This Dove was seen only in the thick jungle; it never perches on the trees, but lives on the ground. It may be seen at dusk flying to water, and was not observed much west of the Didesa river.—L.]

294. CHALCOPELIA AFRA.

*Chalcopeelia afra* (Linn.); Salvad. Cat. B. Brit. Mus. xxi. p. 506 (1893); Sharpe, P. Z. S. 1895, p. 518; Lort Phillips, Ibis, 1898, p. 424.

*a.* ♂. Laga Hardim, Abyssinia, 14 January, 1899. (No. 188.)

*b.* ♂. Beni Schongul, Abyssinia, 3 May, 1899. (No. 495.)

*a.* Iris brown; bill dark; legs red.

*b.* Iris brown; bill black; legs dark red-brown.

295. PTEROCLES QUADRICINCTUS.

*Pterocles quadricinctus* Temm.; Grant, Cat. B. Brit. Mus. xxii. p. 32 (1893).

*a.* ♀. Roseires, Blue Nile, 16 May, 1899. (No. 511.)

*b.* ♂. " " " (No. 512.)

Iris brown; bill yellow, black at tip; legs yellow.

296. FRANCOLINUS GRANTI.

*Francolinus granti* Hartl.; Grant, Cat. B. Brit. Mus. xxii. p. 148 (1893); Sharpe, P. Z. S. 1895, p. 520.



a. ♂. Kassim river, Abyssinia, 18 January, 1899.  
(No. 230.)

Iris brown ; bill black ; legs dull red.  
[Common in the lower valleys.—L.]

297. FRANCOLINUS CASTANEICOLLIS.

*Francolinus castaneicollis* Salvad. ; Grant, Cat. B. Brit. Mus. xxii. p. 153 (1893) ; Sharpe, P. Z. S. 1895, p. 520.

a. ♀ ad. Lake Chercher, Abyssinia, 11 January, 1899.  
(No. 160.)

Iris brown ; bill reddish brown ; legs dull red.

This female agrees well with my description and figure taken from the type specimen also obtained at Lake Chercher, but the measurements are decidedly larger. Wing 7·4 inches, tail 4·1, tarsus 1·9. The measurements of the type, also a female, are :—wing 6·6 inches, tail 3·6, tarsus 1·7. Mr. E. Lort Phillips has procured several immature examples of this Francolin in the Goolis Mountains, in Northern Somaliland.

The species is new to the British Museum Collection.

[Fairly common in Central Abyssinia.—L.]

298. FRANCOLINUS SHARPII.

*Francolinus sharpii* Grant, Cat. B. Brit. Mus. xxii. p. 164 (1893).

a. ♀. Arriro, Abyssinia, 18 February, 1899. (No. 338.)

Iris brown ; cere red ; bill black ; legs red.

[This female Francolin was laying eggs, though still with the covey.]

299. FRANCOLINUS HARWOODI. (Plate VI.)

*Francolinus harwoodi* Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xxii (1899).

a. ♂. Ahaia Fej, Abyssinia, 7 February, 1899. (No. 298.) [Type of the species.]

This species is most nearly allied to *F. natalensis* Smith and *F. icterorhynchus* Heugl. From the former it may be distinguished by having the feathers of the occiput and back of the neck black, narrowly margined with white, producing a strongly scaled appearance ; the chest, upper breast, and

sides of the body greyish brown, ornamented with narrow concentric black and white bands, and the lower breast, belly, and rest of the underparts pale ochraceous, with a few subconcentric black markings. It resembles *F. icterorhynchus* in having the upper parts indistinctly barred with pale greyish brown, the inner webs of the primary-quills mottled with pale rufous, and the ground-colour of the belly pale ochraceous. Iris brown; bill, naked skin round eye, and legs red. Total length about 14·5 inches, culmen 1·15, wing 7·1, tail 3·3, tarsus 2·1.

· 300. *FRANCOLINUS TETRAONINUS.* (Plate V.)

*Francolinus tetraoninus* Weld-Blundell & Lovat, Bull. B. O. C. vol. x. p. xxii (1899).

a. ♀ ad. Mendi, Abyssinia, 18 April, 1899. (No. 483.)  
[*Type of the species.*]

Though allied to *F. schuetti* Cab. this species appears to be quite distinct. It differs chiefly in having the dark middles to the feathers of the nape, interscapular region, and wing-coverts but faintly indicated, and the chest and breast nearly uniform greyish brown. Iris brown; bill dull orange-red; legs and feet orange-red. Total length 12·5 inches, culmen 1·05, wing 6·5, tail 2·65, tarsus 1·65.

[This new Francolin, which was met with only near Mendi, was found in coveys among the bamboo-jungle. The flight is very strong.—L.]

301. *FRANCOLINUS ERCKELI.*

*Francolinus erckeli* Rüpp.; Grant, Cat. B. Brit. Mus. xxii. pp. 172 & 559 (1893).

a. ♂. Damai Damash, Abyssinia, 23 February, 1899. (No. 371.)

Iris brown; bill black; legs dull yellow.

[A darker Francolin was seen the day this bird was shot, but not secured.—L.]

302. *NUMIDA PTILORHYNCHA.*

*Numida ptilorhyncha* Licht.; Grant, Cat. B. Brit. Mus. xxii. p. 379 (1893).



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FRANCOLINUS TETRAONINUS.

Mintern Bros. imp

Head only. Kassim river, Abyssinia, 19 January, 1899.  
(No. 232.)

Iris brown ; bill brown ; top of the head yellow-brown ; sides of the face and throat bright light blue ; legs black. Total length (measured in the flesh) 22·5 inches.

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XVII.—*On a Collection of Birds made by Captain A. M. Farquhar, R.N., in the New Hebrides.* By R. BOWDLER SHARPE, LL.D., &c.

(Plate VII.)

THE collection here described has been presented to the British Museum by Captain A. M. Farquhar of H.M.S. 'Wallaroo,' and as he visited many islands in which very little collecting had previously been done, he obtained some interesting and beautiful new birds.

He writes to me on the 9th of October, 1899:—"I have been in these parts from May till now, and have got together specimens of some forty different species of birds. I lost few opportunities of trying to add to the collection, and I hope my efforts may have been of some use. Oddly enough, the birds in the New Hebrides are very shy, at least the smaller kinds, for the natives seem to be always after them with their bows. I could not get a cock Blackbird, and of the four or five hens, I shot only one myself, the natives having snared the others. They are very wild, and it is difficult in the bush to stalk to within 30 or 40 yards of them. I got several *Megapodes*' eggs, but failed to obtain a skin, as we were never able to stay long enough in one place, and the natives brought them in after we had left, when there was no one to skin them.

"I did not trouble about the sea- or shore-birds, and did not succeed in obtaining a bird which the natives described as nesting in holes in the mountains—some sort of Shearwater, I presume.

"I saw several places where the *Megapodes* laid their eggs ; these are concealed at the decayed root of a tree. Coming